AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-3. (Cancelled)

4. (Currently Amended) A seal apparatus for a water pump provided between a non-rotating member having an inner peripheral surface and a rotating shaft of the water pump inserted into the non-rotating member and having an outer peripheral surface; comprising a seal ring having an outer peripheral edge fastened to the inner peripheral surface of the non-rotating member, and a slinger made from a metal plate and formed by bending, the slinger having an outer peripheral surface and fitted around the rotating shaft to block between the inner peripheral surface of the non-rotating member and the outer peripheral surface of the rotating shaft of the water pump, the slinger having an outer peripheral edge formed with an outer-diameter-side cylindrical section which is concentric with the rotating shaft and has an outer peripheral surface, the seal ring comprising a first seal lip that comes in sliding contact with the outer peripheral surface of the rotating shaft or with the outer peripheral surface of the slinger that rotates together with the rotating shaft, and a second seal lip that has a tip edge which comes in sliding contact with the outer

peripheral surface of the outer-diameter-side cylindrical section, and that is tilted inward in the radial direction toward the tip edge thereof, wherein the amount of elastic deformation of the second seal lip, which occurs when the tip edge of the second seal lip comes in contact with the outer peripheral surface of the outer-diameter-side cylindrical section, is at least 1/10 and up to 7/10 the height of the second seal lip in a free state, and the roughness of a section of the outer peripheral surface of the outer-diameter-side cylindrical section with which the tip edge of the second seal lip comes in sliding contact is from 0.2 μm to 2.0 μm in the arithmetic mean Ra, or is from 0.8 μm to 8.0 μm in the maximum height Ry.

5. (currently amended) A rotation-support apparatus for a water pump comprising: an outer ring having an inner peripheral surface formed with an outer ring raceway, a rotating shaft for the water pump having an outer peripheral surface formed with an inner ring raceway, a plurality of rolling elements rotatably located between the outer-ring raceway and inner-ring raceway, a seal ring having an outer peripheral edge fastened to the inner peripheral surface of the outer ring at one end thereof, and a slinger made from a metal plate and formed by bending, the slinger having an outer peripheral surface and fitted around the rotating shaft, the slinger having an outer peripheral edge formed with an outer-diameter-side cylindrical section which is concentric with the rotating shaft and has an outer peripheral surface, the seal

ring comprising a first seal lip that comes in sliding contact with the outer peripheral surface of the rotating shaft, or with the outer peripheral surface of the slinger that rotates together with the rotating shaft, and a second seal lip that has a tip edge which comes in sliding contact with the outer peripheral surface of the outer-diameter-side cylindrical section, and that is tilted inward in the radial direction toward the tip edge thereof, wherein the amount of elastic deformation of the second seal lip, which occurs when the tip edge of the second seal lip comes in contact with the outer peripheral surface of the outer-diameter-side cylindrical section, is at least 1/10 and up to 7/10 the height of the second seal lip in a free state, and the roughness of a section of the outer peripheral surface of the outer-diameter-side cylindrical section with which the tip edge of the second seal lip comes in sliding contact is from 0.2 μm to 2.0 μm in the arithmetic mean Ra, or is from 0.8 μm to 8.0 μm in the maximum height Ry.

6. (currently amended) A water pump comprising a housing having an inner peripheral surface; an outer-ring raceway that is formed directly around the inner peripheral surface of this housing or formed around a separate outer ring around the inner peripheral surface of this housing, a rotating shaft having an outer peripheral surface formed with an inner-ring raceway, a plurality of rolling elements rotatably located between the outer-ring raceway and inner-ring raceway, a seal ring having an outer peripheral edge fastened to the inner peripheral surface of the outer ring at one end thereof, a slinger made

from a metal plate and formed by bending, the slinger having an outer peripheral surface and fitted around the rotating shaft, a pulley fastened to the rotating shaft at an outer end thereof, an impeller fastened to the rotating shaft at an inner end thereof, a mechanical seal provided between the inner peripheral surface of the housing and the outer peripheral surface of the rotating shaft and axially between the impeller and the slinger, and a space provided axially between the mechanical seal and the seal ring, the slinger having an outer peripheral edge formed with an outer-diameter-side cylindrical section which is concentric with the rotating shaft and has an outer peripheral surface, the seal ring comprising a first seal lip that comes in sliding contact with the outer peripheral surface of the rotating shaft or with the outer peripheral surface of the slinger that rotates together with the rotating shaft, and a second seal lip that has a tip edge which comes in sliding contact with the outer peripheral surface of the outer-diameter-side cylindrical section, and that is tilted inward in the radial direction toward the tip edge thereof, wherein the amount of elastic deformation of the second seal lip, which occurs when the tip edge of the second seal lip comes in contact with the outer peripheral surface of the outer-diameter-side cylindrical section, is at least 1/10 and up to 7/10 the height of the second seal lip in a free state, and the roughness of a section of the outer peripheral surface of the outer-diameter-side cylindrical section with which where the tip edge of the second seal lip comes in sliding contact is from 0.2 μm to 2.0 μm in the arithmetic mean Ra, or is from 0.8 μm to 8.0 μm in the maximum height Ry.